

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080001
Agency Interest No. 1347

Mr. Craig Caillier
General Manager
M.A. Patout & Son, Ltd.
3512 J Patout Burns Rd
Jeanerette, LA 70544

RE: Part 70 Operating Permit, Enterprise Factory
M.A. Patout & Son, Ltd., Jeanerette, Iberia Parish, Louisiana

Dear Mr. Caillier:

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 1260-00003-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:tam
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
M.A. PATOUT & SON, LTD./ENTERPRISE FACTORY
PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION AND RENEWAL

The LDEQ, Office of Environmental Services, is accepting written comments on a Part 70 Air Operating permit modification and renewal for M.A. Patout & Son, Ltd., 3512 J Patout Burns Rd, Jeanerette, LA 70544 for the Enterprise Factory. The facility is located at 3512 J Patout Burns Rd, Jeanerette, Iberia Parish.

M.A. Patout & Son, Ltd. requested a Part 70 Air Operating permit modification and renewal. The Enterprise Sugar Factory is a raw sugar mill that crushes sugar cane and produces raw sugar and final molasses. With this renewal/modification, M.A. Patout & Son, Ltd. requests to update NOx maximum hourly emissions due to stack test data. The Enterprise Factory is also proposing a federally enforceable condition to limit NOx emissions such that emissions from the installation of Boiler # 10 do not exceed the PSD significant threshold. The limitation from all boilers will be 427.44 tons/yr of NOx. The Enterprise Factory is not proposing any new projects or changes in method of operation.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	273.04	273.04	0.0
SO ₂	0.047	0.047	0.0
NO _x	434.57	427.44	- 7.13
CO	519.18	519.18	0.0
VOC	31.11	31.11	0.0

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Tuesday, June 16, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed Part 70 air operating permit modification and renewal and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available**

information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.

An additional copy may be reviewed at the Iberia Parish Library, Jeanerette Branch, 411 Kentucky Street, Jeanerette, LA 70544.

Inquiries or requests for additional information regarding this permit action should be directed to Tommy Meneut, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3052.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 1347, Permit Number 1260-00003-V3, and Activity Number PER20080001.

Scheduled Publication Date: May 12, 2009

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana**

I. Background

Pierre Siméon Patout started planting sugar cane sometime around 1825. Operations of a sugar mill continued until 1959 when a fire destroyed the entire mill. M. A. Patout & Son Ltd. started operations in 1960 with Boiler No. 1 rated at 76,000 lbs steam/hr and Boiler No. 2 rated at 46,000 lbs steam/hr. Boiler No. 3 was installed in 1961 and is rated for 86,000 lbs steam/hr followed by Boiler No. 4 installed in 1962 rated at 82,000 lbs steam/hr and Boiler No. 5 installed in 1966 rated at 100,000 lbs steam/hr. Boiler No. 7 started operation in the fall of 1981, and was allowed to be built under a compliance order issued in April of 1981. Boiler No. 7 was later permitted on January 18, 1982 under Permit 1670 T. A fuel alcohol facility was permitted under Permit 1260-00003-01, granted on April 17, 1986. Permit No. 1260-00003-02 was issued on September 12, 1987 to incorporate previously unpermitted sources and to remove sources that were never installed. Boiler No. 8 which is rated at 150,000 lb steam/hr was authorized under Permit No. 1260-00003-03 which was issued on October 14, 1990. The permit also reflected the dismantling of the fuel alcohol facility, which took place in 1988. Permit No. 1260-00003-04 was issued on October 1, 1993 to allow for the installation of Boiler No. 9 rated at 250,000 lb steam/hr. Boiler No. 9 began operation in the fall of 1998. The facility received its initial Part 70 operating permit (No. 1260-00003-V0) on August 10, 1998, which also increased factory capacity from 1,360,000 to 2,280,000 tons of sugar cane in 110 days of operation. The permit was administratively amended on April 14, 1999. A permit modification to increase their grinding operation from 110 days to 130 days and to increase the capacity to 2,500,000 tons of sugar cane was approved on November 4, 1999 under Permit No. 1260-00013-V1. A new boiler (Boiler No. 10) rated at 400,000 lbs/hr of steam was approved for installation under Permit No. 1260-00013-V2. The permit required that Boiler No. 1 and 2 be decommissioned before the installation of Boiler No. 10. A subsequent Administrative Amendment allowed for the reduction of steam generation from 400,000 lb/hr to a smaller boiler rated at 250,000 lbs/hr steam. Enterprise Factory currently operates under Administratively Amended Permit No. 1260-00013-V2.

This is the Part 70 operating permit renewal and modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by M.A. Patout & Son, Ltd on July 15, 2008, requesting a Part 70 operating permit. Additional information dated November 12, 2008 was received. Supplemental information dated December 10, 2008, was also received requesting the application and Emission Inventory Questionnaire dated July 15, 2008 be processed as a Part 70 operating permit renewal.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana**

III. Description

The Enterprise Sugar Factory is a raw sugar mill that crushes sugar cane and produces raw sugar and final molasses. The plant is covered by Standard Industrial Classification (SIC) 2061. Sugar cane is crushed in the mill to extract its juice. Juice is then clarified and evaporated to a thick syrup, which is further concentrated to cause crystallization. Raw sugar crystals are separated from the mother liquor in centrifuges; the liquor is returned to process for additional concentration and extraction of raw sugar. After recovering as much sugar as possible from the mother liquor, the resulting final molasses is stored for sale to buyers.

Fibrous residue from the cane crushing process is called bagasse and is used to fuel steam generators specifically designed to burn this material. The steam generated is used to drive prime movers and to provide process heat for juice concentration and sugar crystallization.

The exhaust from each boiler goes through a wet scrubber for pollution control. Boilers 5, 7, 8, 9, and 10 also have multi-cyclone fly ash collectors. Boilers No. 8, 9 and 10 are subject to 40 CFR 60, New Source Performance Standards (NSPS), Subpart Db -Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. Boilers No. 1 through 7 were installed before June 19, 1984. All boilers will normally be fired with bagasse, but are fitted with gas burners for auxiliary fuel firing.

M. A. Patout, Ltd. submitted an application to add Boiler No. 10, which was approved for installation under Permit No. 1260-00013-V2. The permit required that Boiler No. 1 and 2 be decommissioned before the installation of Boiler No. 10. Boiler No. 10 became operational in 2005.

Due to crop production and financial considerations, M. A. Patout & Son amended their permit to reduce the size of the new boiler from a 400,000 lbs/hr steam generation to a smaller boiler rated at 250,000 lbs/hr steam.

As a condition of Permit No. 1260-00003-V2 issued August 18, 2004, it was required that the Enterprise Factory conduct a stack test on Boiler No. 10 (Emission Point No. 05-021) to demonstrate compliance with particulate, carbon monoxide and nitrogen oxide emissions. While PM₁₀ and CO were within their emission limits, it was determined that the measured NOx emissions were higher than the permitted levels. Therefore, the NOx emission factor was increased from 1.2 to 1.66 lb NOx/ton bagasse.

The Enterprise Factory is proposing to accept a federally enforceable condition to limit the increase of NOx emissions such that emissions from the installation of Boiler # 10 do not

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana**

exceed the PSD significant threshold. The limitation from all boilers will be 427.44 tons/yr of NOx. The federally enforceable condition is necessary because of a reconciliation of NOx emissions due to new data obtained from stack testing. The Enterprise Factory is not proposing any new projects or changes in method of operation.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	273.04	273.04	0.0
SO ₂	0.047	0.047	0.0
NO _x	434.57	427.44	- 7.13
CO	519.18	519.18	0.0
VOC *	31.11	31.11	0.0

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Hydrochloric Acid	0.003	0.003	0.0
Polycyclic Organic Matter (POM)	0.308	0.308	0.0
Total			

Other VOC (TPY): 30.80

IV. Type of Review

This application was reviewed for compliance with Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), and NESHAP do not apply. Boilers No. 8, 9 and 10 shall comply with the applicable portions of New Source Performance Standards (NSPS), 40 CFR 60 Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana**

The proposed NOx emission CAP for the Enterprise Factory was derived from calculations used in the PSD analysis for the addition of Boiler No. 10 in year 2005. Boilers 1 and 2 were decommissioned, as required by Permit No. 1260-00013-V2, in the same year that Boiler No. 10 was added. The Baseline Actual Emissions (BAE) for years 2001 and 2002 is 389.08 TPY NOx, and the highest Project Actual Emissions (PAE) is for year 2007 at 312.25 TPY NOx. PAE minus BAE showed that the facility did not trigger PSD with the addition of Boiler No. 10. To create the NOx CAP, 38 TPY NOx was added to the BAE which limits NOx emissions such that PSD is not triggered. The total NOx emission CAP is 427.44 NOx TPY.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana**

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
None						

IX. Insignificant Activities

ID No.:	Description	Citation
-	Molasses Storage Tanks	Insignificant Activities per LAC 33:III.501.B.5.A.10.
-	(3) 18,000 gallon Used Soda Storage Tanks	Insignificant Activities per LAC 33:III.501.B.5.A.10.
-	30,715 gallon Spent Caustic Soda Storage Tank	Insignificant Activity per LAC 33:III.501.B.5.A.10.
-	16,500 gallon Virgin Soda Storage Tank	Insignificant Activity per LAC 33:III.501.B.5.A.10.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
 Agency Interest No.: 1347
 M.A. Patout & Son, Ltd
 Jeanerette, Iberia Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III. Chapter																	
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2131	22	29*	51*	53*	56
UNF1	Entire Facility	1	1												1	1			1
EQT 1	05-021 - No. 10 Boiler							1	1										
EQT 4	84-002 - No. 3 Boiler								1	1									3
EQT 5	84-003 - No. 4 Boiler								1	1									3
EQT 6	84-004 - No. 5 Boiler								1	1									3
EQT 7	84-005 - No. 6 Boiler								1	1									3
EQT 8	84-006 - No. 7 Boiler								1	1									3
EQT 9	89-007 - No. 8 Boiler								1	1									3
EQT 10	95-018 - No. 9 Boiler								1	1									3
EQT 11	89-008 - Diesel Tank (16,900 Gallons)																		3
EQT 12	89-009 - Diesel Tank (16,900 Gallons)																		3
EQT 13	89-015 - Gasoline Tank (540 Gallons)																		1
EQT 14	89-016 - Gasoline Tank (500 Gallons)																		1
EQT 15	89-017 - Waste Oil Tank (1,000 Gallons)																		3
EQT 16	89-010 - Hydrochloric Acid Tank (5,000 Gallons)																		1
EQT 17	89-011 - Mill Lubricant Tank (11,750 Gallons)																		3
EQT 18	89-012 - Kerosene Tank (565 Gallons)																		3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5 ▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2131	22	29*	51*	53*	56	59*
EQT 19	89-013 - Diesel Tank (7,900 Gallons)							3												
EQT 20	89-014 - Diesel Tank (10,000 Gallons)							3												
EQT 21	95-019 - Diesel Tank Old Booster (2,500 Gallons)									3										
EQT 22	95-020 - Diesel Tank New Booster (1,700 gallons)										3									

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 1 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
 Agency Interest No.: 1347
 M.A. Patout & Son, Ltd
 Jeanerette, Iberia Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP			40 CFR					
		A	K	Ka	Kb	Da	Db	GG	KKK	HII	A	J	V	A	HH	SS	VV	HHH	64
UNF1	Entire Facility																		
EQT 1	05-021 - No. 10 Boiler					3	1												1
EQT 4	84-002 - No. 3 Boiler						3												1
EQT 5	84-003 - No. 4 Boiler					3													1
EQT 6	84-004 - No. 5 Boiler					3													1
EQT 7	84-005 - No. 6 Boiler					3													1
EQT 8	84-006 - No. 7 Boiler					3													1
EQT 9	89-007 - No. 8 Boiler					3													1
EQT 10	95-018 - No. 9 Boiler					3	1												1
EQT 11	89-008 - Diesel Tank (16,900 Gallons)					3													1
EQT 12	89-009 - Diesel Tank (16,900 Gallons)					3													1
EQT 13	89-015 - Gasoline Tank (540 Gallons)						3												1
EQT 14	89-016 - Gasoline Tank (500 Gallons)						3												1
EQT 15	89-017 - Waste Oil Tank (1,000 Gallons)							3											1
EQT 16	89-010 - Hydrochloric Acid Tank (5,000 Gallons)								3										1

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	HH	SS	VV	IIIH	64	68	
EQT 17	89-011 - Mill Lubricant Tank (11,750 Gallons)																				
EQT 18	89-012 - Kerosene Tank (565 Gallons)																				
EQT 19	89-013 - Diesel Tank (7,900 Gallons)																				
EQT 20	89-014 - Diesel Tank (10,000 Gallons)																				
EQT 21	95-019 - Diesel Tank Old Booster (2,500 Gallons)																				
EQT 22	95-020 - Diesel Tank New Booster (1,700 gallons)																				

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 2-8 Boilers 1-7	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Db]	DOES NOT APPLY. No construction, modification, or reconstruction after 6/19/84.
EQT 1, 9 & 10 Boilers 10, 8 & 9	Standards of Performance for Electric Utility Steam Generating Units for which Construction is commenced after September 18, 1978 [40 CFR 60, Subpart Da]	DOES NOT APPLY. The unit does not meet the definition of an electric utility steam generating unit. No electricity sold to a Utility.
EQT 1 - 10 Boilers 1-10	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	DOES NOT APPLY. Unit emits less than five (5) tons per year of sulfur dioxide into the atmosphere.
EQT 13 & 14 Gasoline Storage Tanks	Control of Emission of Organic Compounds [LAC 33:III.2131.A]	EXEMPT. Facilities with throughput < 500,000 gallons per year are exempted from installing vapor recovery systems for displaced vapors.
EQT 11-14, 19 & 20 Diesel Storage Tanks	Standards of Performance for Storage Vessels for Petroleum Liquid for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and prior to May 19, 1978 [40 CFR 60, Subpart K]	DOES NOT APPLY. Constructed prior to June 11, 1973

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 11-14, 19 & 20 Diesel Storage Tanks	Control of Emission of Organic Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. True vapor pressure is < 1.5 psia.
EQT 15 & 17 Waste Oil Storage Tank, Mill Lubricant Tank	Standards of Performance for Storage Vessels for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60, Subpart Kb]	DOES NOT APPLY. Volume less than 75 cubic meters.
EQT 15 & 17 Lubricant & Waste Oil Storage Tanks	Control of Emission of Organic Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. True vapor pressure is < 1.5 psia.
EQT 18 Kerosene Storage Tank	Control of Emission of Organic Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. True vapor pressure is < 1.5 psia.
EQT 21 & 22 Diesel Storage Tanks	Standards of Performance for Storage Vessels for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60, Subpart Kb]	DOES NOT APPLY. Volume less than 75 cubic meters.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Enterprise Factory
Agency Interest No.: 1347
M.A. Patout & Son, Ltd
Jeanerette, Iberia Parish, Louisiana

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 1347 M A Patout & Son Ltd - Enterprise Factory
Activity Number: PER20080001
Permit Number: 1260-00003-V3
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	1260-00003	M A Patout & Son Ltd - Enterprise Factory Hurricane Gustav Response Related Facility	CDS Number	08-05-2002
	72-0283001	Federal Tax ID	Emergency Debris Site	09-09-2008
LA0006033	LPDES #	LPDES Permit #	Federal Tax ID	11-20-1999
WP1352	LWDPs #	LWDPs Permit #	LPDES Permit #	05-22-2003
113092	Patout Sugar	TEMPO Merge	LWDPs Permit #	06-25-2003
19426	MA Patout & Son Ltd - Enterprise Factory	TEMPO Merge	TEMPO Merge	04-26-2005
70544MPTTSRTE1P	TRI #	Toxic Release Inventory	TEMPO Merge	06-28-2001
				07-09-2004
Physical Location:	3512 J Patout Burns Rd Jeanerette, LA 70544	Main FAX: Main Phone:	3372764247 3372764595	
Mailing Address:	3512 J Patout Burns Rd Jeanerette, LA 70544			
Location of Front Gate:	29° 54' 6" 94 hundredths latitude, 91° 43' 36" 58 hundredths longitude, Coordinate Method: Lat/Long - DMS, Coordinate Datum NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Craig Caillier	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764595 (WP)	Responsible Official for
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	DLASSEIGNE@MAf	Water Permit Contact For
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764595 (WP)	Accident Prevention Contact for
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	DLASSEIGNE@MAf	Accident Prevention Contact for
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764595 (WP)	Accident Prevention Contact for
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	DLASSEIGNE@MAf	Accident Prevention Billing Party for
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764595 (WP)	Water Permit Contact For
	Don Lasseigne	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764595 (WP)	Accident Prevention Billing Party for
	Will Legende	3512 J Patout Burns Rd Jeanerette, LA 70544	wlegendie@mapatot	Emission Inventory Contact for
	Will Legende	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Emission Inventory Contact for
	William Patout	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Water Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Controlled Insulation Abatement Inc	PO Box 94 Jeanerette, LA 705440094		Provides environmental services for
	MA Patout & Son Ltd	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Owns
	MA Patout & Son Ltd	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Emission Inventory Billing Party
	MA Patout & Son Ltd	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Operates
	MA Patout & Son Ltd	3512 J Patout Burns Rd Jeanerette, LA 70544	3372764592 (WP)	Air Billing Party for
NAIC Codes:	311311, Sugarcane Mills			

General Information

AI ID: 1347 M A Patout & Son Ltd - Enterprise Factory
Activity Number: PER20080001
Permit Number: 1260-00003-V3
Air - Title V Regular Permit Renewal

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0001	05-021 - No. 10 Boiler		360 MM BTU/hr	358.54 MM BTU/hr	340.74 MM BTU/hr begasse.	3120 hr/yr
EQT 0002	84-002 - No. 3 Boiler	163 MM BTU/hr		112.6 MM BTU/hr	17.80 MM BTU/hr Natural Gas	3120 hr/yr
EQT 0003	84-003 - No. 4 Boiler	155 MM BTU/hr		112.6 MM BTU/hr		3120 hr/yr
EQT 0004	84-004 - No. 5 Boiler	190 MM BTU/hr		112.6 MM BTU/hr		3120 hr/yr
EQT 0005	84-005 - No. 6 Boiler	209 MM BTU/hr		142.27 MM BTU/hr		3120 hr/yr
EQT 0006	84-006 - No. 7 Boiler	210 MM BTU/hr		168.9 MM BTU/hr		3120 hr/yr
EQT 0007	84-007 - No. 8 Boiler	262.5 MM BTU/hr		211.12 MM BTU/hr		3120 hr/yr
EQT 0008	84-008 - No. 9 Boiler	437.5 MM BTU/hr		351.87 MM BTU/hr		3120 hr/yr
EQT 0009	89-008 - Diesel Tank (16,900 gallons)	16900 gallons			8760 hr/yr	
EQT 0010	89-009 - Diesel Tank (16,900 gallons)	16900 gallons			8760 hr/yr	
EQT 0011	89-010 - Hydrochloric Acid Tank (5,000 gallons)	540 gallons			8760 hr/yr	
EQT 0012	89-011 - Diesel Tank (16,900 gallons)	500 gallons			8760 hr/yr	
EQT 0013	89-015 - Gasoline Tank (540 gallons)	500 gallons			8760 hr/yr	
EQT 0014	89-016 - Gasoline Tank (500 gallons)	1000 gallons			8760 hr/yr	
EQT 0015	89-017 - Waste Oil Tank (1,000 gallons)	5000 gallons			8760 hr/yr	
EQT 0016	89-018 - Mill Lubricant Tank (11,750 gallons)	11750 gallons			8760 hr/yr	
EQT 0017	89-019 - Kerosene Tank (565 gallons)	565 gallons			8760 hr/yr	
EQT 0020	89-013 - Diesel Tank (7,900 gallons)	7900 gallons			8760 hr/yr	
EQT 0021	89-014 - Diesel Tank (10,000 gallons)	10000 gallons			8760 hr/yr	
EQT 0022	95-019 - Diesel Tank Old Booster (2,500 gallons)	2500 gallons			8760 hr/yr	
EQT 0023	95-020 - Diesel Tank New Booster (1,700 gallons)	1700 gallons			8760 hr/yr	

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EQT 0001	05-021 - No 10 Boiler	37.88	178516	12		100	170
EQT 0002	84-002 - No 3 Boiler	20.95	54397	6.21		42	180
EQT 0003	84-003 - No. 4 Boiler	28.75	52221	6.21		42	180
EQT 0004	84-004 - No. 5 Boiler	16.53	63101	9		150	180
EQT 0005	84-005 - No. 6 Boiler	31.41	75529	7		52	180
EQT 0006	84-006 - No. 7 Boiler	39.93	75529	6.21		42	180
EQT 0007	84-007 - No. 8 Boiler	38.67	107110	7.67		70	170
EQT 0008	84-008 - No. 9 Boiler	37.88	178516	10		70	170

Relationships:

INVENTORIES

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

Subject Item Groups:

ID	Group Type	Group Description
GRP 0006	Equipment Group	GRP6 - NOx Emissions Boiler CAP
UNF 0001	Unit or Facility Wide	UNF1 - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT 0001	05-021 - No. 10 Boiler	GRP0000000006
EQT 0004	84-002 - No. 3 Boiler	GRP0000000006
EQT 0005	84-003 - No. 4 Boiler	GRP0000000006
EQT 0006	84-004 - No. 5 Boiler	GRP0000000006
EQT 0007	84-005 - No. 6 Boiler	GRP0000000006
EQT 0008	84-006 - No. 7 Boiler	GRP0000000006
EQT 0009	89-007 - No. 8 Boiler	GRP0000000006
EQT 0010	95-018 - No. 9 Boiler	GRP0000000006

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multipier	Units Of Measure
0120	0120 Cane Sugar, Except Refining Only		

SIC Codes:

2061	Raw cane sugar	AI 1347
2061	Raw cane sugar	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory

Activity Number: PER20080001

Permit Number: 1260-00003-V3

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM 10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Entire Facility															
EQT 0001 05-021	78.19	101.64	121.97	106.17			38.15	49.59	59.51	0.011	0.083	0.017	4.92	6.39	7.67
EQT 0004 84-003	24.98	32.48	38.97	25.13			12.19	15.84	19.01	0.002	0.069	0.003	1.57	2.04	2.45
EQT 0005 84-003	24.98	32.48	38.97	25.13			12.19	15.84	19.01	0.002	0.069	0.003	1.57	2.04	2.45
EQT 0006 84-004	24.98	32.48	38.97	25.13			12.19	15.84	19.01	0.002	0.069	0.003	1.57	2.04	2.45
- EQT 0007 84-005	31.58	41.05	49.26	31.76			36.81	42.72	56.71	0.003	0.086	0.004	1.98	2.58	3.09
EQT 0008 84-006	37.47	48.72	58.46	38.12			18.28	23.76	28.51	0.003	0.103	0.005	2.36	3.07	3.68
EQT 0009 89-007	55.31	71.91	86.29	68.38			22.85	29.70	35.64	0.004	0.129	0.006	2.94	3.83	4.59
EQT 0010 95-018	55.31	71.91	86.29	68.38			22.85	29.70	35.64	0.004	0.164	0.006	2.94	3.83	4.59
EQT 0011 89-008													0.002	0.339	0.011
EQT 0012 89-009													0.002	0.339	0.011
EQT 0013 89-015													0.012	70.33	0.052
EQT 0014 89-016													0.012	70.33	0.054
EQT 0015 89-017													<0.001	<0.001	<0.001
EQT 0017 89-011													<0.001	0.001	<0.001
EQT 0018 89-012													<0.001	0.169	<0.001
EQT 0019 89-013													0.001	0.338	0.004
EQT 0020 89-014													0.002	0.338	0.007
EQT 0021 95-019													<0.001	0.337	0.001
EQT 0022 95-020													<0.001	0.337	0.001
GRP 0006 GRPS							272.44		427.44						

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory

Activity Number: PER20080001

Permit Number: 1260-00003-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 05-021	Polycyclic Organic Matter (POM)	0.049	0.063	0.076
EQT 0004 84-002	Polycyclic Organic Matter (POM)	0.016	0.020	0.024
EQT 0005 84-003	Polycyclic Organic Matter (POM)	0.016	0.020	0.024
EQT 0006 84-004	Polycyclic Organic Matter (POM)	0.016	0.020	0.024
EQT 0007 84-005	Polycyclic Organic Matter (POM)	0.020	0.026	0.031
EQT 0008 84-006	Polycyclic Organic Matter (POM)	0.023	0.030	0.037
EQT 0009 89-007	Polycyclic Organic Matter (POM)	0.029	0.038	0.046
EQT 0010 89-018	Polycyclic Organic Matter (POM)	0.029	0.038	0.046
EQT 0016 89-010	Hydrochloric acid	0.001	0.702	0.003
UNF 0001 UNF1	Hydrochloric acid			0.003
	Polycyclic Organic Matter (POM)			0.308

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-J0003-V3
 Air - Title V Regular Permit Renewal

EQT_0001 05-021 - No. 10 Boiler

- 1 [40 CFR 60.43b(f)]
Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]
Which Months: All Year Statistical Basis: Six-minute average
Permittee shall operate boiler at an Annual capacity factor <= 10 percent for natural gas fuel to meet the exemption from 40 CFR 60.44b
(Subpart Db) Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units, Standard for Nitrogen Oxides
Annual Capacity Factor is defined in 40 CFR 60.41(b). [40 CFR 60.44b(d)]
- 2 [40 CFR 60.44b(d)]
Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)
Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period.
Determine the annual capacity factor on 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 3 [40 CFR 60.49b(d)]
Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]
- 4 [40 CFR 60.49b(o)]
Which Months: All Year Statistical Basis: Approved basis
An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]
- 5 [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: Daily maximum
Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 6 [40 CFR 64.6(c)(2)]
Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- 7 [40 CFR 64.6(c)(4)]
Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1(01.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]
- 8 [40 CFR 64.7(e)]
Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 9 [40 CFR 64.7(c)]
- 10 [40 CFR 64.7(d)(1)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0001 05-021 - No. 10 Boiler

- 11 [40 CFR 64.7(e)]
 Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.113.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 12 [40 CFR 64.8(a)]
 Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold Limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 13 [40 CFR 64.9(a)]
 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 14 [40 CFR 64.9(b)(1)]
 Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 15 [40 CFR 64.9(b)(1)]
 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
16. [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or tapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.)
- Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) >= 95 % removal efficiency.
- Which Months: All Year Statistical Basis: None specified
 Scrubber nozzle Pressure >= 40 psi.
- 17 [LAC 33:III.113.C]
 Which Months: All Year Statistical Basis: None specified
 Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack tests purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 18 [LAC 33:III.501.C.6]
 19 [LAC 33:III.501.C.6]
- 20 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0001 05-021 - No. 10 Boiler

- 21 [LAC 33.III.507.H.1.a] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 22 [LAC 33.III.507.H.1.a] Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 23 [LAC 33.III.507.H.1.a] Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
- 24 [LAC 33.III.507.H.1.a] Scrubber Flow rate monitored by pressure instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified
- 25 [LAC 33.III.507.H.1.a] Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified
- 26 [LAC 33.III.507.H.1.a] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 27 [LAC 33.III.507.H.1.a]
- 28 [LAC 33.III.507.H.1.a]
- 29 [40 CFR 64.6(c)(1)]
- 30 [40 CFR 64.6(c)(2)]
- 31 [40 CFR 64.6(c)(4)]
- 32 [40 CFR 64.7(a)]
- 33 [40 CFR 64.7(c)]

EQT 0004 84-002 - No. 3 Boiler

- Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: Approved basis An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]
 Which Months: All Year Statistical Basis: Daily maximum Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
 Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments on those listed under LAC 33.III.1101.B). Do no use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
Activity Number: PER20080001
Permit Number: 1260-00003-V3
Air - Title V Regular Permit Renewal

EQT 0004 84-002 - No. 3 Boiler

- 34 [40 CFR 64.7(d)(1)] Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 35 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 36 [40 CFR 64.8(a)] Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold Limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 37 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 38 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 39 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 40 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, changing of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 41 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.)
- 42 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Scrubber nozzle Pressure >= 35 psi.
- 43 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBU, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0004 84-002 - No. 3 Boiler

- 44 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 45 [LAC 33:III.507.H.1.a] Scrubber Flow rate monitored by pressure instrument once every four hours.
- 46 [LAC 33:III.507.H.1.a] Which Months: All Year. Statistical Basis: None specified
- Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
- 47 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards. 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 48 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0005 84-003 - No. 4 Boiler

- 49 [40 CFR 64.6(c)(1)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]
- 50 [40 CFR 64.6(c)(2)] Which Months: All Year. Statistical Basis: Approved basis An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]
- 51 [40 CFR 64.6(c)(4)] Which Months: All Year. Statistical Basis: Daily maximum
- Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 52 [40 CFR 64.7(c)] Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]
- 53 [40 CFR 64.7(d)(1)] Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
Activity Number: PER20080001
Permit Number: 1260-00003-V3
Air - Title V Regular Permit Renewal

EQT 0005 84-003 - No. 4 Boiler

54 [40 CFR 64.7(e)]
Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

55 [40 CFR 64.8(a)]
Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold Limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]

56 [40 CFR 64.9(b)(1)]
Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

57 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

58 [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU).)

59 [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
Scrubber nozzle Pressure >= 35 psi.

60 [LAC 33:III.507.H.1.a]
Which Months: All Year Statistical Basis: None specified
Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

61 [LAC 33:III.507.H.1.a]
Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.

62 [LAC 33:III.507.H.1.a]
Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTU, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced). Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

63 [LAC 33:III.507.H.1.a]
Scrubber Flow rate monitored by pressure instrument once every four hours.

64 [LAC 33:III.507.H.1.a]
Which Months: All Year Statistical Basis: None specified
Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0005 84-003 - No. 4 Boiler

65 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

EQT 0006 84-004 - No. 5 Boiler

66 [40 CFR 64.6(c)(1)]

Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: Approved basis

An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]

Which Months: All Year Statistical Basis: Daily maximum

Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]

Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]

Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.13:13.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]

SPECIFIC REQUIREMENTS**AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory****Activity Number: PER20080001****Permit Number: 1260-00003-V3****Air - Title V Regular Permit Renewal****EQT 0006 84-004 - No. 5 Boiler**

73 [40 CFR 64.9(b)(1)]

Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

74 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU).)

Which Months: All Year Statistical Basis: None specified

Scrubber nozzle Pressure >= 35 psi.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) >= 95 % removal efficiency.

Which Months: All Year Statistical Basis: None specified

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment.

The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0006 84-004 - No. 5 Boiler

- 85 [LAC 33.III.507.H.1.a]
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified
- 86 [LAC 33.III.507.H.1.a]
 Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified

EQT 0007 84-005 - No. 6 Boiler

- 87 [40 CFR 64.6(c)(1)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]
- 88 [40 CFR 64.6(c)(2)]
 Which Months: All Year Statistical Basis: Approved basis
 An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]
- 89 [40 CFR 64.6(c)(4)]
 Which Months: All Year Statistical Basis: Daily maximum
 Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 90 [40 CFR 64.7(a)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- 91 [40 CFR 64.7(c)]
 Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33.III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]
- 92 [40 CFR 64.7(d)(1)]
 Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 93 [40 CFR 64.7(e)]
 Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33.III.1101.B emission limitation or the LAC 33.III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 94 [40 CFR 64.8(a)]
 Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0007 84-005 - No. 6 Boiler

- 95 [40 CFR 64.9(a)]
 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 96 [40 CFR 64.9(b)(1)]
 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 97 [40 CFR 64.9(b)(1)]
 Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 98 [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 99 [LAC 33:III.1313.C]
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU).)
- 100 [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
 Scrubber nozzle Pressure >= 35 psi.
- 101 [LAC 33:III.507.H.1.a]
 Which Months: All Year Statistical Basis: None specified
 Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
- 102 [LAC 33:III.507.H.1.a]
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO2 / ton 100% H2SO4, etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced). Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 103 [LAC 33:III.507.H.1.a]
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 104 [LAC 33:III.507.H.1.a]
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 105 [LAC 33:III.507.H.1.a]
 Which Months: All Year Statistical Basis: None specified
 Scrubber Flow rate monitored by pressure instrument once every four hours.
- 106 [LAC 33:III.507.H.1.a]
 Which Months: All Year Statistical Basis: None specified
 Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
- 107 [LAC 33:III.507.H.1.a]
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0007 84-005 - No. 6 Boiler

108 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

EQT 0008 84-006 - No. 7 Boiler

109 [40 CFR 64.6(c)(1)]

Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: Approved basis

An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]

Which Months: All Year Statistical Basis: Daily maximum

Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]

Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]

Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0008 84-006 - No. 7 Boiler

- 116 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 117 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 118 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.).
- 119 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Scrubber nozzle Pressure >= 35 psi.
- 120 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Particulate matter (10 microns or less) >= 95 % removal efficiency.
- 121 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 122 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 123 [LAC 33:III.507.H.1.a] Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
- 124 [LAC 33:III.507.H.1.a] Scrubber Flow rate monitored by pressure instrument once every four hours.
- 125 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.
- 126 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 127 [LAC 33:III.507.H.1.a] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 128 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0008 84-006 - No. 7 Boiler

129 [LAC 33:III 507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

EQT 0009 89-007 - No. 8 Boiler

130 [40 CFR 60.43b(f)]

Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]

Which Months: All Year Statistical Basis: Six-minute average

Permittee shall operate boiler at an Annual capacity factor <= 10 percent for natural gas fuel to meet the exemption from 40 CFR 60.44b (Subpart Db) Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units, Standard for Nitrogen Oxides.

Annual Capacity Factor is defined in 40 CFR 60.41(b). [40 CFR 60.44b(d)]

Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)

Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: Approved basis

An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions. [40 CFR 64.6(c)(2)]

Which Months: All Year Statistical Basis: Daily maximum

Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)] Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0009 89-007 - No. 8 Boiler

- 138 [40 CFR 64.7(d)(1)]
 Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 139 [40 CFR 64.7(e)]
 Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 140 [40 CFR 64.8(a)]
 Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold Limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 141 [40 CFR 64.9(b)(1)]
 Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 142 [LAC 33:III.1313.C]
 Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.)
- Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) >= 95 % removal efficiency.
- 143 [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
- 144 [LAC 33:III.501.C.6]
 Scrubber nozzle Pressure >= 20 psi.
 Which Months: All Year Statistical Basis: None specified
- 145 [LAC 33:III.507.H.1.a]
 Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 146 [LAC 33:III.507.H.1.a]
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO2 / ton 100% H2SO4, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
Activity Number: PER20080001
Permit Number: 1260-00003-V3
Air - Title V Regular Permit Renewal

EQT 0009 89-007 - No. 8 Boiler

- Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified
- Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- Scrubber Flow rate monitored by pressure instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified

EQT 0010 95-018 - No. 9 Boiler

- Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]
 Which Months: All Year Statistical Basis: Six-minute average
 Permittee shall operate boiler at an Annual capacity factor <= 10 percent for natural gas fuel to meet the exemption from 40 CFR 60.44b
 (Subpart Db) Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units, Standard for Nitrogen Oxides. Annual Capacity Factor is defined in 40 CFR 60.41(b). [40 CFR 60.44b(d)]
 Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)
 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: Approved basis
 An excursion or exceedance is defined as an Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9 at a time other than the daily observation. An excursion is also any missed daily opacity reading that is not due to weather conditions [40 CFR 64.6(c)(2)]
 Which Months: All Year Statistical Basis: Daily maximum
 Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0010 95-018 - No. 9 Boiler

161 [40 CFR 64.7(e)]

Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device and associated wet scrubber control system. [40 CFR 64.7(c)]

162 [40 CFR 64.7(d)(1)]

Restore operation of the boiler (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

163 [40 CFR 64.7(e)]

Submit written notification: Due to the Office of Environmental Compliance within 7 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

164 [40 CFR 64.8(a)]

Threshold Limit: A Threshold limit is defined as eight excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold Limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)] Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

165 [40 CFR 64.9(b)(1)]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

166 [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input. (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.)

167 [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified Particulate matter (10 microns or less) >= 95 % removal efficiency.

168 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified Scrubber nozzle Pressure >= 40 psi.

169 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0010 95-018 - No. 9 Boiler

170 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test. Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Every five years re-performance test shall be conducted. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.91.3, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

171 [LAC 33:III.507.H.1.a]

Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified

172 [LAC 33:III.507.H.1.a]

Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment.

173 [LAC 33:III.507.H.1.a]

The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Ec.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

174 [LAC 33:III.507.H.1.a]

Scrubber Flow rate monitored by pressure instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified

175 [LAC 33:III.507.H.1.a]

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

176 [LAC 33:III.507.H.1.a]

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
 Scrubber nozzle Pressure recordkeeping by electronic or hard copy once every four hours.

EQT 0013 89-015 - Gasoline Tank (540 gallons)

177 [LAC 33:III.507.H.1.a]

178 [LAC 33:III.507.H.1.a]

Equip with a submerged fill pipe.
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3-a-e.
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0014 89-016 - Gasoline Tank (500 gallons)

182 [LAC 33:III.2103.A]

Equip with a submerged fill pipe.
 Page 17 of 19

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

EQT 0014 89-016 - Gasoline Tank (500 gallons)

- 183 [LAC 33:III.2103.H.3]
 184 [LAC 33:III.2103.I]

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

GRP 0006 GRP6 - NOx Emissions Boiler CAP

Group Members: EQT 0001EQT 0004EQT 0005EQT 0006EQT 0007EQT 0008EQT 0009EQT 0010

- 185 [LAC 33:III.501.C.6]
 186 [LAC 33:III.507.H.1.a]
 187 [LAC 33:III.507.H.1.a]
 188 [LAC 33:III.507.H.1.a]

Nitrogen oxides <= 427.44 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total NOx emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy weekly. Keep records of the total NOx emissions each month, as well as the total NOx emissions for the last twelve months. Make records available for inspection by DEQ personnel.
 Nitrogen oxides monitored by technically sound method weekly.
 Which Months: All Year Statistical Basis: None specified
 Submit report: Due annually, by the 31st of March. Report the total NOx emissions for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

UNF 0001 UNF1 - Entire Facility

- 189 [40 CFR 60.]
 190 [40 CFR 70.5(a)(1)(iii)]
 191 [40 CFR 70.6(a)(3)(iii)(A)]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

SPECIFIC REQUIREMENTS

AI ID: 1347 - M A Patout & Son Ltd - Enterprise Factory
 Activity Number: PER20080001
 Permit Number: 1260-00003-V3
 Air - Title V Regular Permit Renewal

UNF 0001 UNF1 - Entire Facility

- 194 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111
- 195 [LAC 33:III.1109.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 196 [LAC 33:III.1303.B] Outdoor burning of waste material or other combustible material is prohibited.
- 197 [LAC 33:III.2113.A] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.